## INTERNATIONAL SEARCH REPORT

Interrental Application No PCT/EP2004/052509

			rc1/Er2004/052509				
A. CLASSII IPC 7	FICATION OF SUBJECT MATTER H01J31/12 H01J9/20 H01J3/02	2					
	International Patent Classification (IPC) or to both national classifica-	ation and IPC					
	SEARCHED						
IPC 7	cumentation searched (classification system followed by classification $H01J$	on symbols)					
Documentat	ion searched other than minimum documentation to the extent that s	uch documents are includ	led in the fields searched				
	ata base consulted during the International search (name of data bas ternal, WPI Data, PAJ	se and, where practical, s	search terms used)				
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT						
Category °	Citation of document, with indication, where appropriate, of the rela	evant passages	Relevant to claim No.				
х	US 2002/102753 A1 (JOHNSON BURGESS R ET AL) 1 August 2002 (2002-08-01) paragraphs '0009!, '0071!; figures 1.2		1,12				
Υ	pai agi apiio 0005., 0071., 11gui	2,3,5,14					
Υ	US 5 347 292 A (GE ET AL) 13 September 1994 (1994-09-13) columns 11,16, lines 60-65,15	2,3,5,14					
А	WO 03/041039 A (KONINKLIJKE PHILI ELECTRONICS N.V; VAN DER VAART, N HIDDINK,) 15 May 2003 (2003-05-15 page 9, lines 20-25; figures 1,7	1,14,25					
A	US 5 757 344 A (MIYATA ET AL) 26 May 1998 (1998-05-26) abstract; figure 11		1				
Further documents are listed in the continuation of box C.    X   Patent family members are listed in annex.							
*Special cat  'A' docume consid  'E' earlier d filing d  'L' docume which i citation 'O' docume other n  'P' docume tater th	shed after the international filling date not in conflict with the application but the principle or theory underlying the ar relevance; the claimed invention and novel or cannot be considered to estep when the document is taken alone ar relevance; the claimed invention and to involve an inventive step when the ed with one or more other such doculation being obvious to a person skilled if the same patent family						
Date of the	Date of the actual completion of the international search  Date of mailing of the international search report						
1	1 April 2005	22/04/2005					
Name and m	nailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer Ruiz Perez, S					

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